```
# include (Staio.h)
# include (Stllib.h)
#include <string-h>
Char g[] = "1000 |000000 |1110", p[50], c[50];
int n1, n2;
Voil xor()
  int I i
  J=0;
  While (j Ln1)
       if (C[i] == g[i])
         C[1] = 'o';
          C[i] = 11;
```

```
void chel)
    inti, cnT;
   Fosc(cnt = D; cnt Ln1; cnt ++)
      c[cnt] = p[cnt]
  do
      if(C[0] ==11)
        xon();
      3
for(i=0; i × N)-1; i++)
          C[i] = C[i+1];
      < [i] = | [cont + +];
  3 while (cnt Ln2+n1);
void main ()
    parint f (" Enter cole: ");
   Sconf ("%5", p);
   n) = stalen(q);
   n2 = Stelen (b);
```

```
for(i = n2; i Ln2+n1; i++)
    (0) REDIFICES = [1] d
 print fr
 CAC();
 parint & [" Checksum is: %5", p);
 perint f(" I+ Eurorent code: 0/05 = ", 8);
for (i = h2; i = n2+ n1; i++)
{ P[i] = <[i-n2];
perint f (" Teransmitted code: % S It", p);
 perint f ("Re enter code In);
Scanf ("% 5", b);
oru;
Forcli= 0; il stalem (c); i++)
       ik [C[i] = = 1]
      { printf ("Eroox!!");
          exito los;
```